

I CLAIM:

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1. A navigational system, comprising:  
a display device; and  
logic that simultaneously presents a textual display of an original flight plan  
5 and a modified flight plan on said display device.

2. A navigational system according to Claim 1, wherein the textual display presented by said logic comprises a textlist of waypoints that are on the original flight plan and the modified flight plan, and performance data for common waypoints that are on both the original flight plan and the modified flight plan.

10 3. A navigational system according to Claim 2, wherein the textual display presented by said logic further comprises performance data for waypoints that are added to the modified flight plan.

4. A navigational system according to Claim 2, wherein the performance data for each common waypoint comprises performance data for the waypoint on  
15 the original flight plan and for the waypoint on the modified flight plan.

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5. A navigational system according to Claim 4, further comprising:  
an interface device that allows an operator to change the modified flight plan,  
wherein said logic updates the textlist of waypoints on the textual display  
20 when the modified flight plan is changed, and  
wherein said logic updates the performance data on the textual display for common waypoints when the modified flight plan is changed.

6. A navigational system according to Claim 5, wherein said logic designates on the textual display waypoints to be removed, which correspond to waypoints that are on the original flight plan but not on the modified flight plan.

7. A navigational system according to Claim 6, wherein, when the 5 modified flight plan is activated to become a new original flight plan, said logic removes from the textual display the waypoints that are designated to be removed.

8. A navigational system according to Claim 1, wherein a graphical display of the original flight plan and the modified flight plan is also simultaneously presented on said display device.

10 9. A navigational system according to Claim 5, wherein a graphical display of the original flight plan and the modified flight plan is also simultaneously presented on said display device, wherein said interface device allows an operator to change the modified flight plan on either the textual display or the graphical display, and

15 wherein the graphical display of the modified flight plan is updated when the modified flight plan is changed.

10. A navigational system according to Claim 7, wherein a graphical display of the original flight plan and the modified flight plan is also simultaneously presented on said display device,

20 wherein said interface device allows an operator to change the modified flight plan on either the textual display or the graphical display, wherein the graphical display of the modified flight plan is updated when

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the modified flight plan is changed, and

wherein, when the modified flight plan is activated to become the new flight plan, the graphical display is updated to display only the new original flight plan.

5           11. A navigational system, comprising;  
display means; and  
logic means for simultaneously, textually displaying an original flight plan  
and a modified flight plan on said display means.

10           12. A navigational system according to Claim 11, wherein the textual  
display presented by said logic means comprises a textlist of waypoints that are on  
the original flight plan and the modified flight plan, and performance data for  
common waypoints that are on both the original flight plan and the modified flight  
plan.

15           13. A navigational system according to Claim 12, wherein the textual  
display presented by said logic means further comprises performance data for  
waypoints that are added to the modified flight plan.

20           14. A navigational system according to Claim 12, wherein the  
performance data for each common waypoint comprises performance data for the  
waypoint on the original flight plan and for the waypoint on the modified flight  
plan.

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15. A navigational system according to Claim 14, further comprising:  
interface means that allows an operator to change the modified flight plan,  
wherein said logic means updates the textlist of waypoints on the textual  
display when the modified flight plan is changed, and  
5       wherein said logic means updates the performance data on the textual  
display for common waypoints when the modified flight plan is changed.

16. A navigational system according to Claim 15, wherein said logic  
means designates on the textual display waypoints to be removed, which  
correspond to waypoints that are on the original flight plan but not on the modified  
10      flight plan.

17. A navigational system according to Claim 16, wherein, when the  
modified flight plan is activated to become a new flight plan, said logic means  
removes from the textual display the waypoints that are designated to be removed.

18. A method of displaying a flight plan of a navigational system,  
15      comprising the steps of:  
            providing a display device; and  
            simultaneously displaying a textual display of an original flight plan and a  
modified flight plan on the display device.

19. A method according to Claim 18, wherein the textual display displayed  
20      in said displaying step comprises a textlist of waypoints that are on the original  
flight plan and the modified flight plan, and performance data for common  
waypoints that are on both the original flight plan and the modified flight plan.

20. A method according to Claim 19, wherein the textual display displayed in said displaying step further comprises performance data for waypoints that are added to the modified flight plan.

21. A method according to Claim 19, wherein the performance data for 5 each common waypoint comprises performance data for the waypoint on the original flight plan and for the waypoint on the modified flight plan.

22. A method according to Claim 21, further comprising the steps of: changing the modified flight plan; updating the textlist of waypoints on the textual display when the modified 10 flight plan is changed; and updating the performance data on the textual display for common waypoints when the modified flight plan is changed.

23. A method according to Claim 22, further comprising the step of: designating on the textual display waypoints to be removed, which 15 correspond to waypoints that are on the original flight plan but not on the modified flight plan.

24. A method according to Claim 23, further comprising the steps of: activating the modified flight plan to become a new flight plan; and removing from the textual display the waypoints that are designated to be 20 removed in said designating step.

25. A method according to Claim 18, wherein said displaying step further comprises simultaneously displaying a graphical display of the original flight plan and the modified flight plan on the display device.

26. A method according to Claim 22, wherein said displaying step further  
5 comprises simultaneously displaying a graphical display of the original flight plan  
and the modified flight plan on the display device,

wherein said changing step comprises changing the modified flight plan in either the graphical display or the textual display, and

wherein said method further comprises the step of updating the graphical display of the modified flight plan when the modified flight plan is changed.

27. A method according to Claim 24, wherein said displaying step further comprises simultaneously displaying a graphical display of the original flight plan and the modified flight plan on the display device.

wherein said changing step comprises changing the modified flight plan in  
15 either the graphical display or the textual display, and

wherein said method further comprises the steps of:

updating the graphical display of the modified flight plan when the modified flight plan is changed; and

20 updating the graphical display to display only the new flight plan when the modified flight plan is activated in said activating step.

28. Computer executable code for implementing a method of displaying a flight plan of a navigational system, said code for executing the step comprising:

simultaneously displaying a textual display of an original flight plan and a modified flight plan on a display device.

29. Computer executable code according to Claim 28, wherein the textual display displayed in said displaying step comprises a textlist of waypoints that are on the original flight plan and the modified flight plan, and performance data for common waypoints that are on both the original flight plan and the modified flight plan.

30. Computer executable code according to Claim 29, wherein the textual display displayed in said displaying step further comprises performance data for waypoints that are added to the modified flight plan.

31. Computer executable code according to Claim 29, wherein the performance data presented for each common waypoint comprises performance data for the waypoint on the original flight plan and for the waypoint on the modified flight plan.

32. Computer executable code according to Claim 31, said code for further executing the steps comprising:

changing the modified flight plan;

updating the textlist of waypoints on the textual display when the modified flight plan is changed; and

20 updating the performance data on the textual display for common waypoints when the modified flight plan is changed.

33. Computer executable code according to Claim 32, said code for further executing the step comprising:

designating on the textual display waypoints to be removed corresponding to waypoints that are on the original flight plan but not on the modified flight plan.

5 34. Computer executable code according to Claim 33, said code for further executing the steps comprising:

activating the modified flight plan to become a new flight plan; and

removing from the textual display the waypoints that are designated to be removed in said designating step.

10 35. Computer executable code according to Claim 28, wherein said displaying step further comprises simultaneously displaying a graphical display of the original flight plan and the modified flight plan on the display device.

15 36. Computer executable code according to Claim 32, wherein said displaying step further comprises simultaneously displaying a graphical display of the original flight plan and the modified flight plan on the display device,

wherein said changing step comprises changing the modified flight plan in either the graphical display or the textual display, and

said code for further executing the step of updating the graphical display of the modified flight plan when the modified flight plan is changed.

20 37. Computer executable code according to Claim 34, wherein said displaying step further comprises simultaneously displaying a graphical display of the original flight plan and the modified flight plan on the display device,

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wherein said changing step comprises changing the modified flight plan in either the graphical display or the textual display, and

said code for further executing the steps comprising:

updating the graphical display of the modified flight plan when the

5 modified flight plan is changed; and

updating the graphical display to display only the new flight plan when the modified flight plan is activated in said activating step.

38. A navigational system, comprising:

a CPU;

10 a flight control system that controls an airplane based on inputs from said CPU;

a display device; and

logic that simultaneously presents a textual display of an original flight plan and a modified flight plan on said display device,

15 wherein said CPU provides inputs to said flight control system based on navigational data corresponding to the original flight plan that is presented on said display device.

39. A navigational system, comprising:

a display device; and

20 logic that simultaneously presents a textual display of comparative data for an original flight plan and a modified flight plan on said display device.

40. A navigational system according to Claim 39, wherein the comparative data comprises a textlist of waypoints that are on the original flight plan and the

modified flight plan, and performance data for common waypoints that are on both the original flight plan and the modified flight plan.

41. A navigational system according to Claim 40, wherein the performance data for each common waypoint comprises performance data for the 5 waypoint on the original flight plan and for the waypoint on the modified flight plan.

42. A navigational system according to Claim 41, further comprising: an interface device that allows an operator to change the modified flight plan,  
10 wherein said logic updates the comparative data on the textual display when the modified flight plan is changed.

43. A navigational system according to Claim 42, wherein said logic designates on the textual display waypoints to be removed, which correspond to waypoints that are on the original flight plan but not on the modified flight plan.  
15 44. A navigational system according to Claim 43, wherein, when the modified flight plan is activated to become a new flight plan, said logic removes from the textual display the waypoints that are designated to be removed.

45. A navigational system according to Claim 39, wherein a graphical display of the original flight plan and the modified flight plan is also 20 simultaneously presented on said display device.

46. A navigational system according to Claim 42, wherein a graphical display of the original flight plan and the modified flight plan is also simultaneously presented on said display device,

5       wherein said interface device allows an operator to change the modified flight plan on either the textual display or the graphical display, and

      wherein the graphical display of the modified flight plan is updated when the modified flight plan is changed.

47. A navigational system according to Claim 44, wherein a graphical display of the original flight plan and the modified flight plan is also simultaneously presented on said display device,

10      wherein said interface device allows an operator to change the modified flight plan on either the textual display or the graphical display,

      wherein the graphical display of the modified flight plan is updated when the modified flight plan is changed, and

15      wherein, when the modified flight plan is activated to become a new flight plan, the graphical display is updated to display only the new flight plan.

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